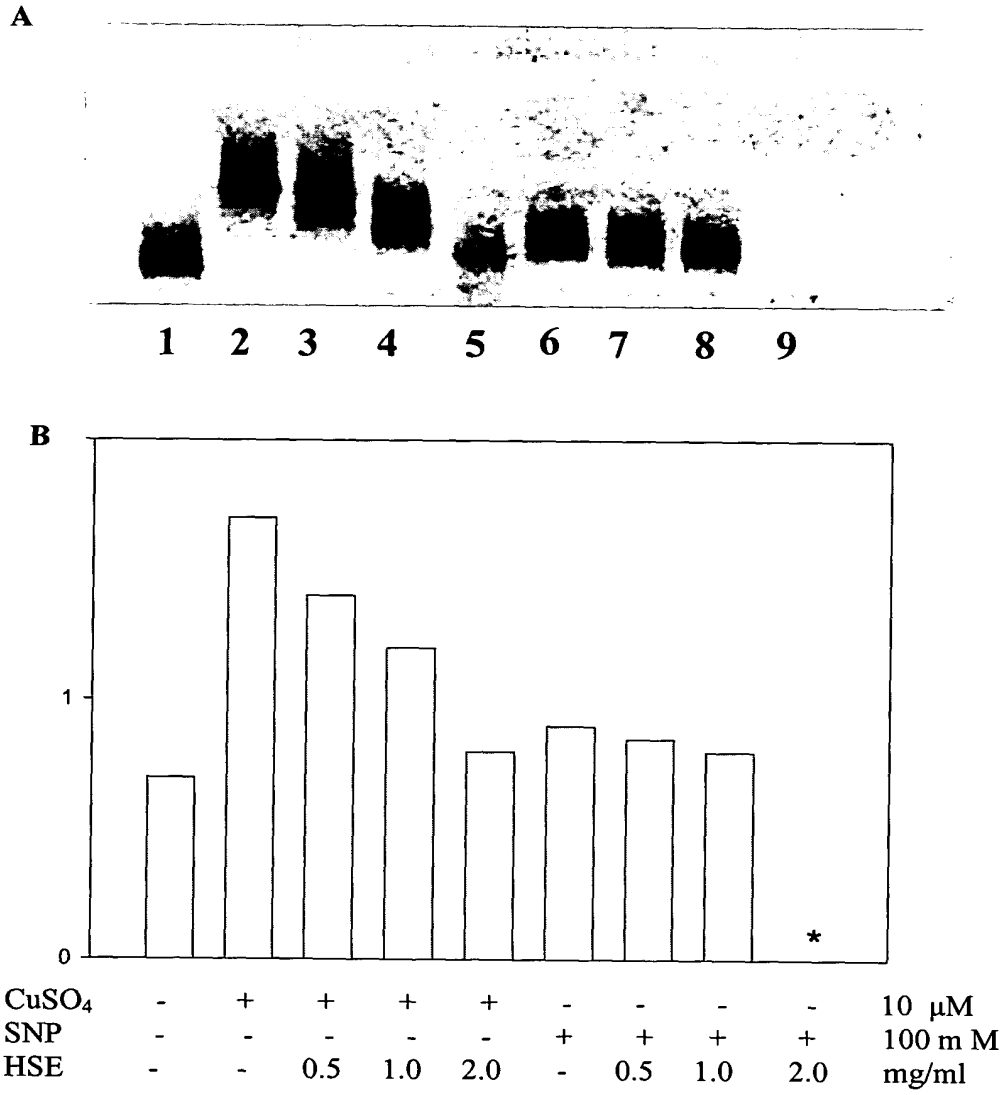
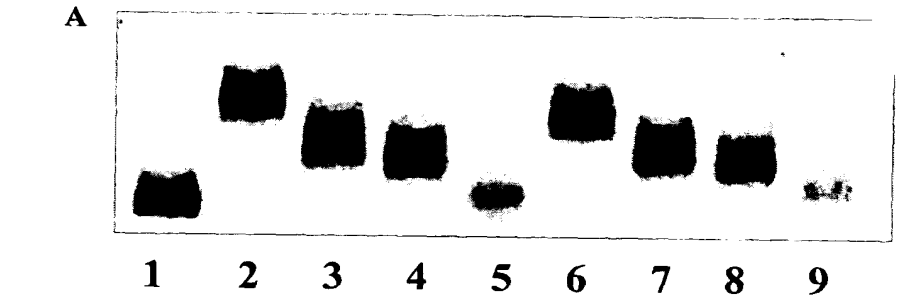

A
1 2 3 4 5 6 7 8 9
B
R.E.M (cm)
1
0
*
CuSO4 - + + + + - - - - 10 μM
SNP - - - - - + + + + 100 m M
HSE - - 0.5 1.0 2.0 - 0.5 1.0 2.0 mg/ml

FIG. 1



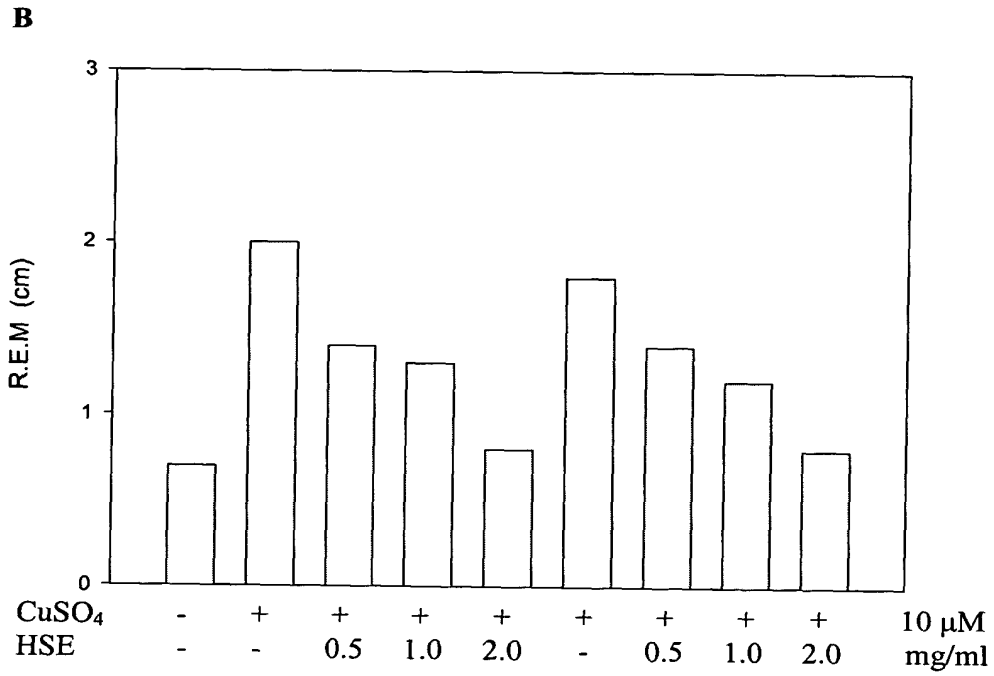


FIG. 2

Treatment		
ox - LDL inducer	Conc. of HSE (mg/ml)	TBARs formation (nmol / mg)
Control	-	0.19 ±0.01
$CuSO_4$	-	10.12 ±0.49
$CuSO_4$	0.5	8.47 ±1.00
$CuSO_4$	1	5.61 ±0.56*
$CuSO_4$	2	0.56 ±0.04* *

FIG. 3

Treatment		TBARs formation (nmol / mg)
ox - LDL inducer	Conc. of HSE (mg/ml)	
Control	-	0.19 ±0.01
$CuSO_4$	-	10.41 ±1.02
$CuSO_4$	0.5	8.90 ±0.20
$CuSO_4$	1	5.53 ±1.31*
$CuSO_4$	2	0.60 ±0.05* *

FIG. 4

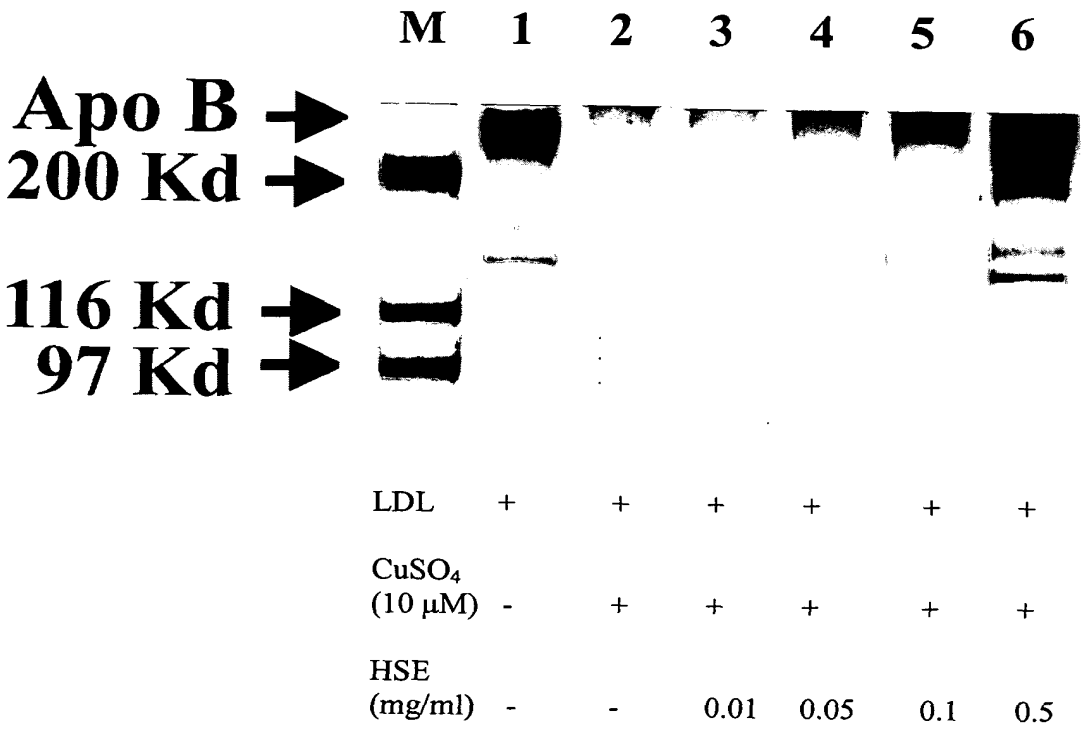


FIG. 5

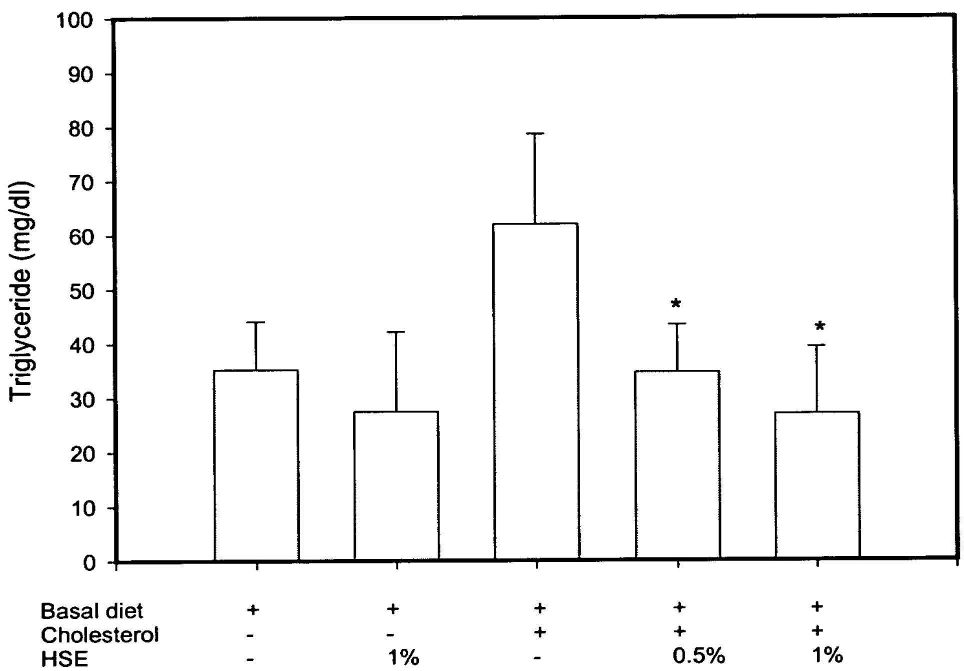

Triglyceride (mg/dl)
100
90
80
70
60
50
40
30
20
10
0
*
*
Basal diet + + + + +
Cholesterol - - + + +
HSE - 1% - 0.5% 1%

FIG. 6

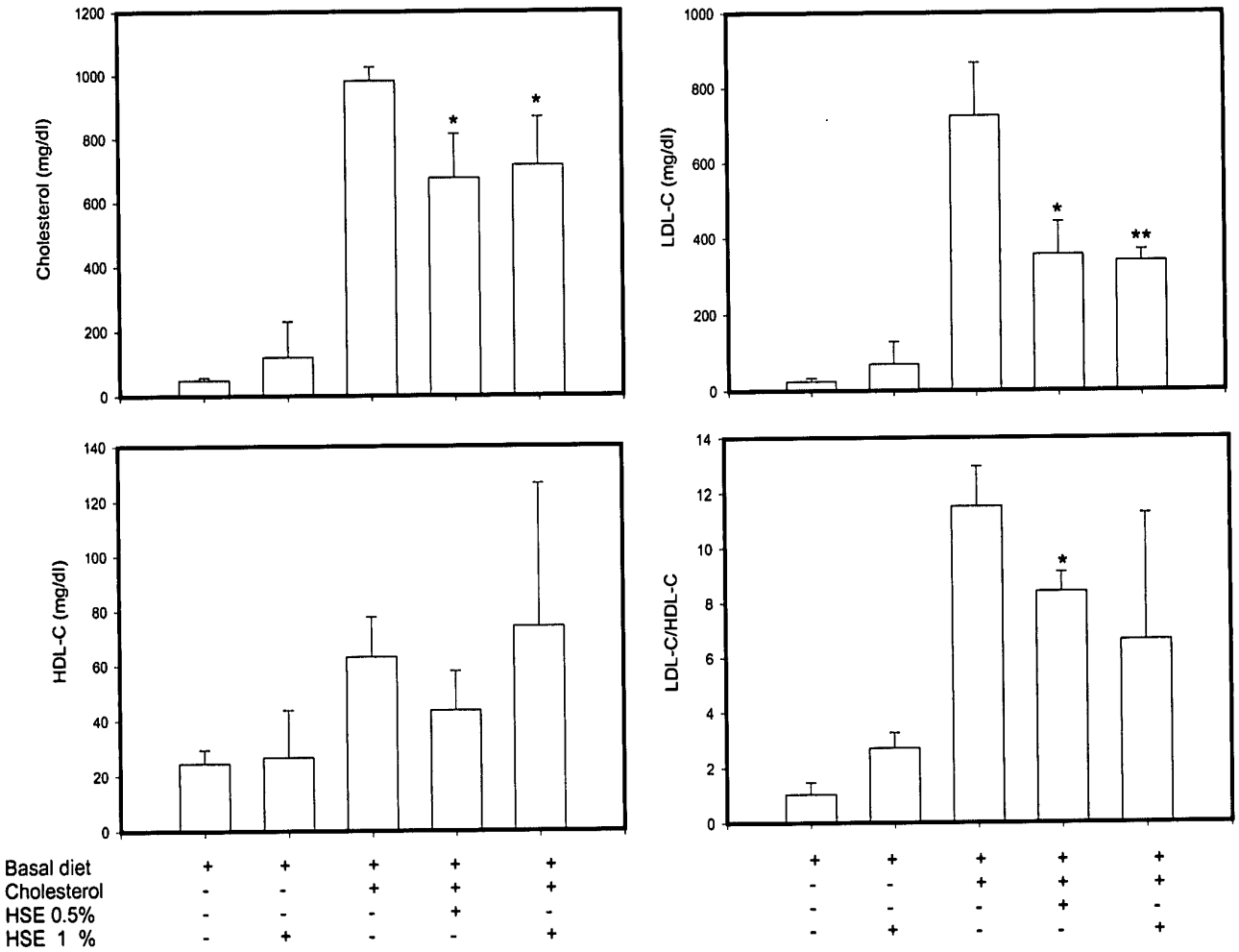

Cholesterol (mg/dl)
1200
1000
800
600
400
200
0
LDL-C (mg/dl)
1000
800
600
400
200
0
HDL-C (mg/dl)
140
120
100
80
60
40
20
0
LDL-C/HDL-C
14
12
10
8
6
4
2
0
Basal diet + + + + +
Cholesterol - - + + +
HSE 0.5% - - - + -
HSE 1 % - + - - +

FIG. 7

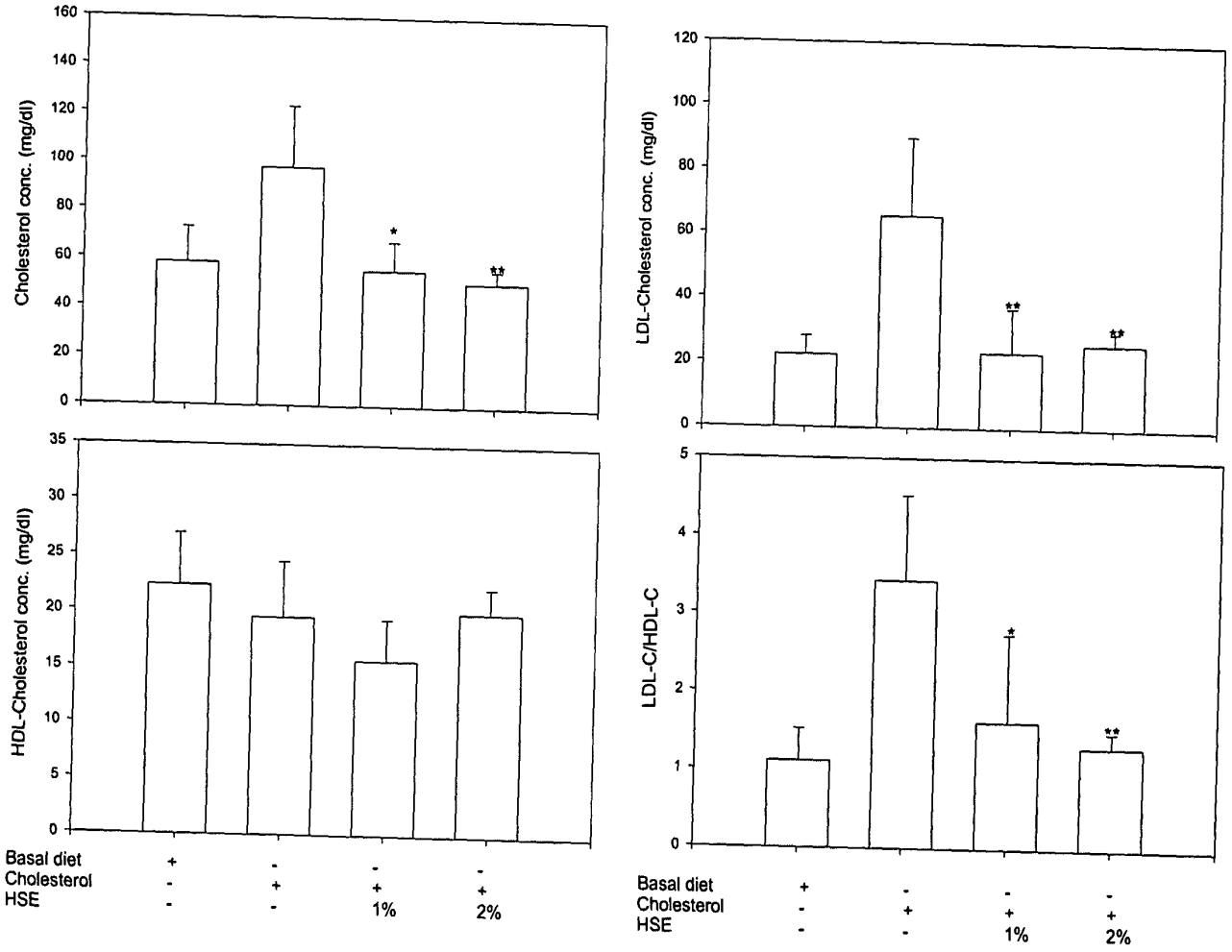


FIG. 8

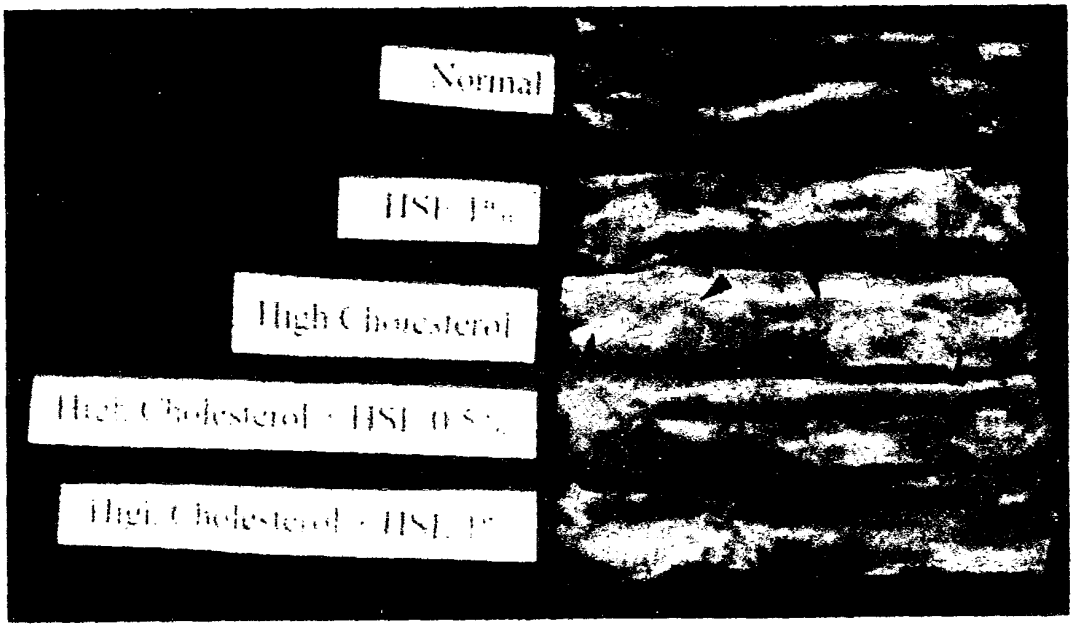


FIG. 9

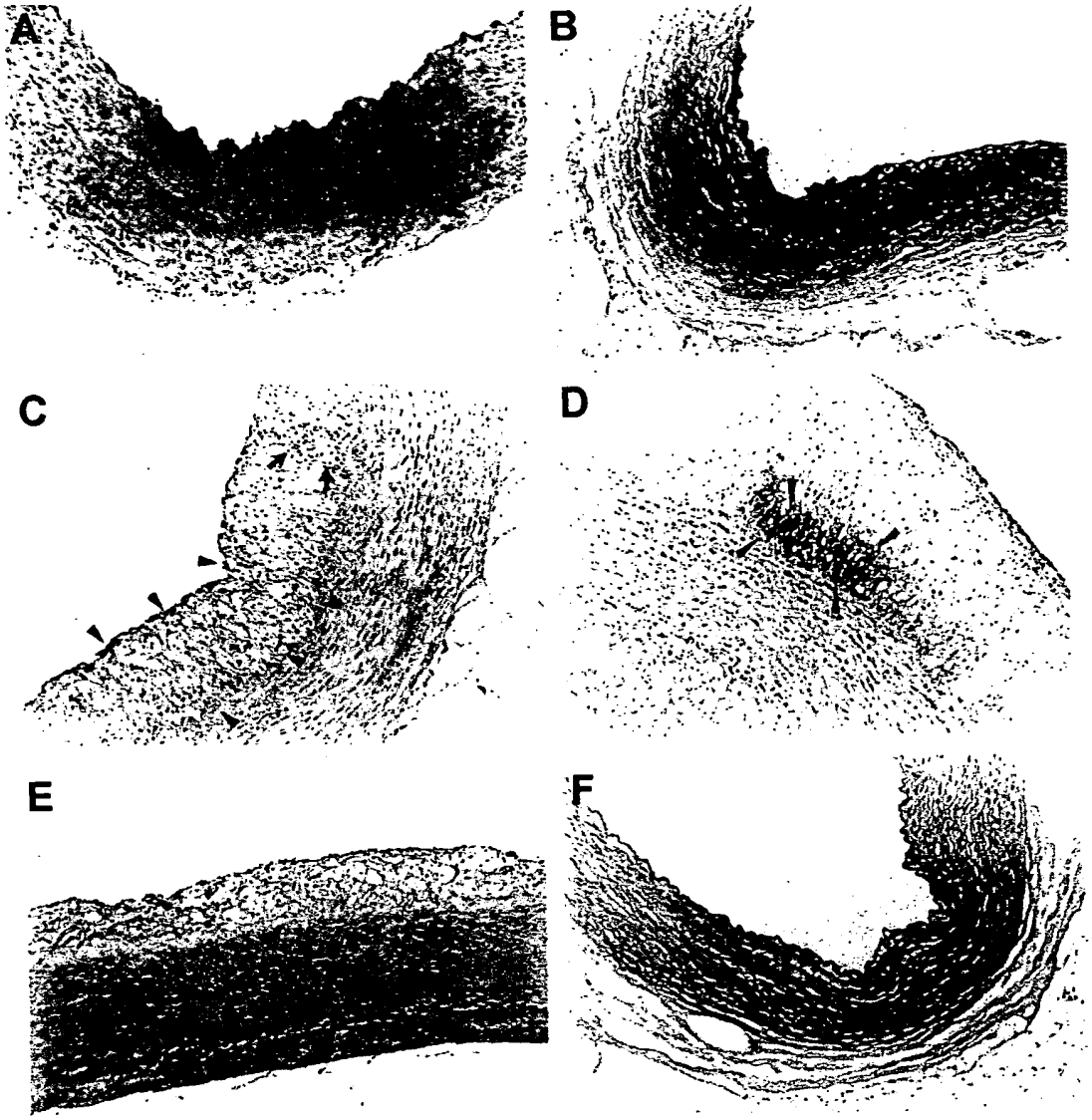


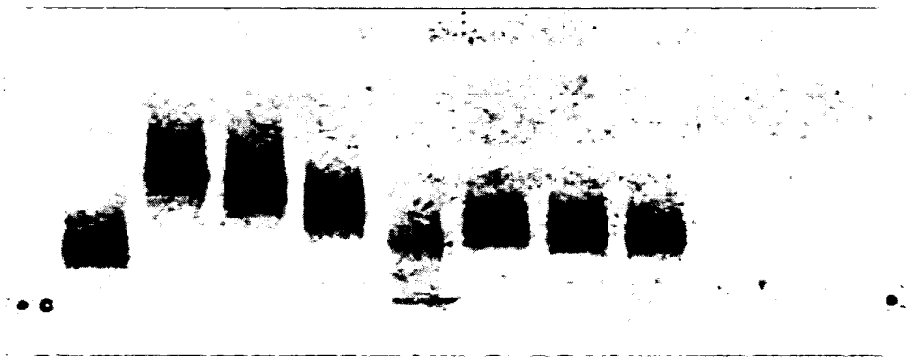
FIG. 10

Hepatic function	Rabbit		Rat	
	Basal diet	HSE 1 %	Basal diet	HSE 2 %
ALT(UL/l)[a]	55.25±23.87	40.83±11.99	55.8±19.18	34.2±9.44
AST(UL/l)	98.75±34.09	89.50±55.49	108.8±20.85	67.7±11.06
ALP(UL/L)	38.00±3.83	26.83±9.56	121.0±101.0	103.0± 85.0

FIG. 11

Hepatic function	Rabbit		Rat	
	Basal diet	HSE 1 %	Basal diet	HSE 2 %
BUN (mg/dl)[a]	16.12± 4.7	30.10 ± 17.2	14.6±5.13	19.0±6.42
Creatinine (mg/dl)	1.65±0.29	1.50 ± 0.40	0.54±0.13	0.73±0.10
UA (mg/dl)	0.18±0.15	0.23±0.16	1.9±0.68	1.65±0.37

FIG. 12



1 2 3 4 5 6 7 8 9

FIG. 1A

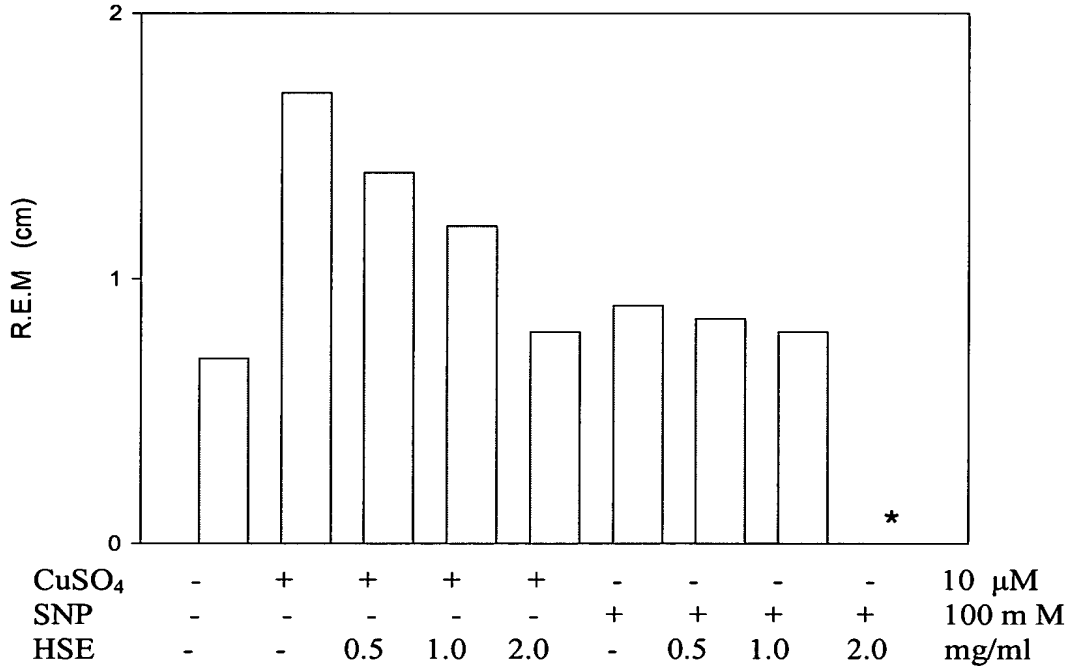
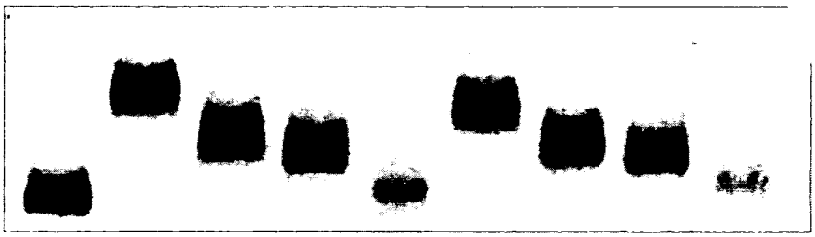


FIG. 1B



1 2 3 4 5 6 7 8 9

FIG. 2A

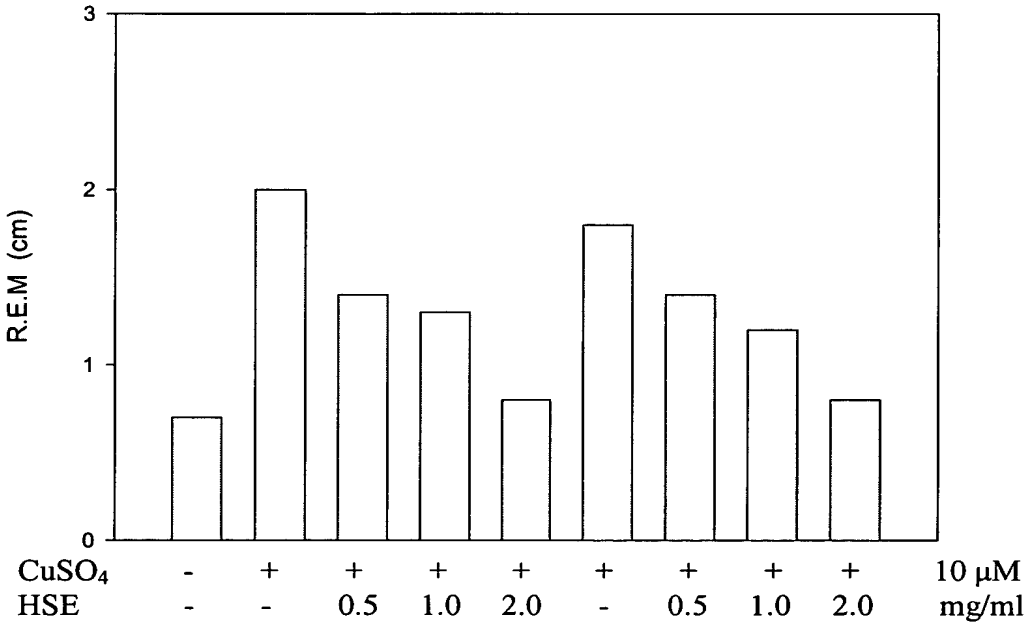
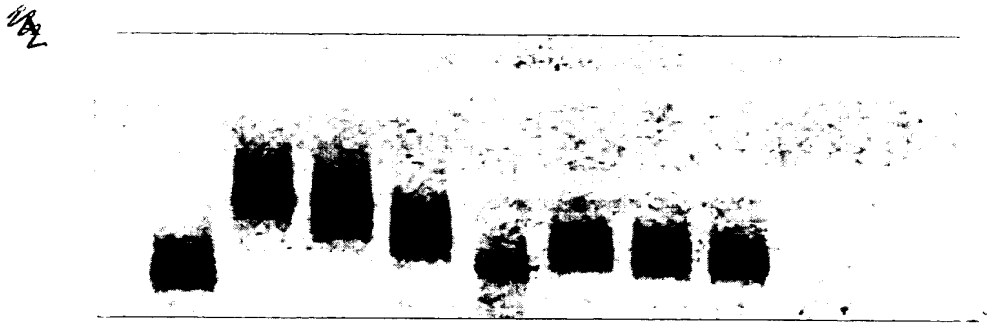


FIG. 2B



1 2 3 4 5 6 7 8 9

FIG 1A

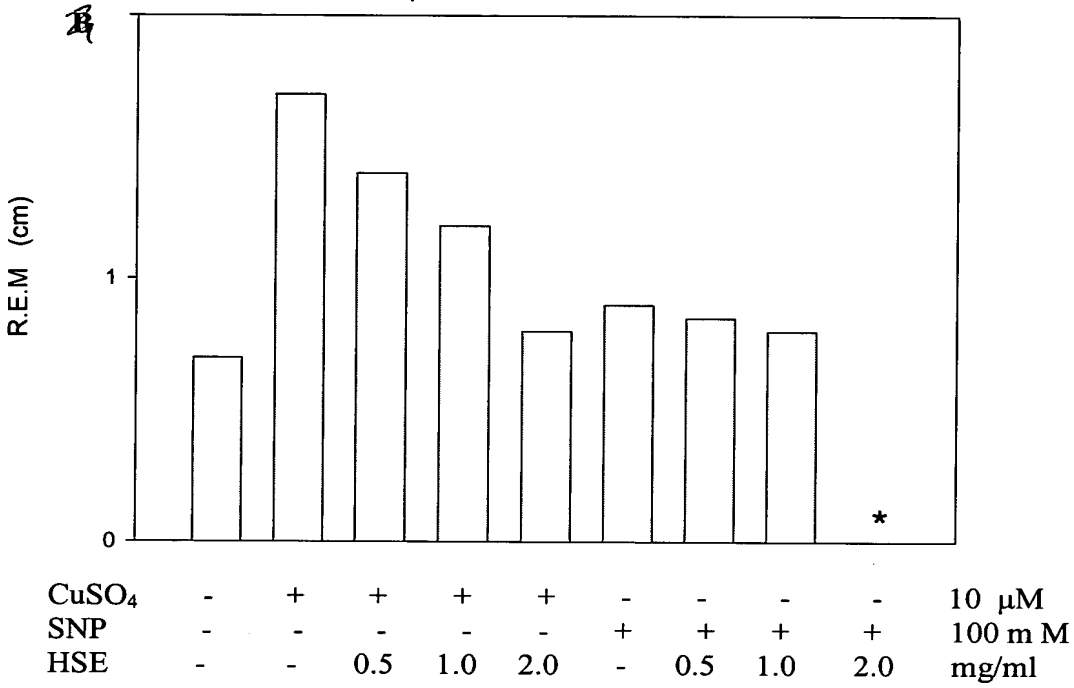


FIG 1B

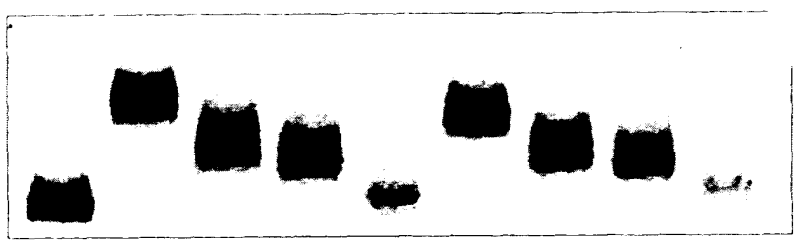


FIG. 2A

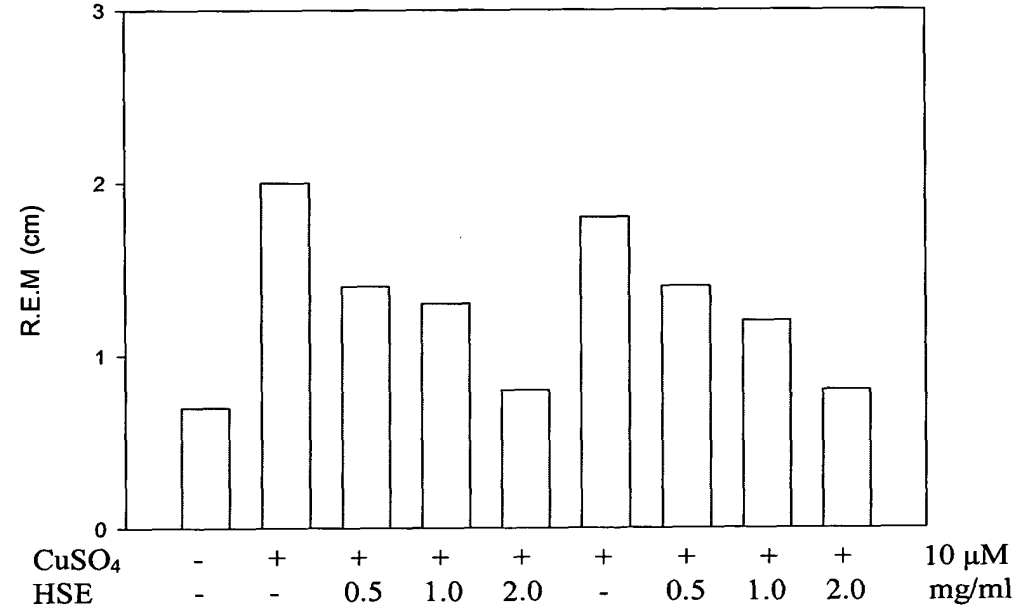


FIG. 2B